

Abstract

Title: Casuistry of physiotherapy treatment of a patient with the diagnosis of unilateral lower leg amputation

Aims: Aim of this bachelor thesis is to theoretically process the lower limb amputation issue with the specialization on the lower leg amputation, to process casuistry of physiotherapy treatment of a patient with this diagnosis with the therapy evaluation effect.

Methods: The general part has been processed by the theoretical base recherche template for the lower limb amputation issues. I processed the definition of amputations theoretically, along with the anatomy of bones, muscles and the nerve and blood vessel supply to the lower leg, etiology, prevention, types, amputation complications and therapy. Special part of the thesis is formed by the casuistry of patient D.S. with the diagnosis of unilateral lower leg amputation. The casuistry originated as an outcome of my bachelor's practice at the Rehabilitation clinic Malvazinky from 18.1.2016 to 12.2.2016. It contains an anamnesis, kinesiological entry analysis, suggestion and therapy aims, nine therapeutical units, kinesiology input analysis and therapy effect evaluation.

Outcomes: During the therapy, the patient improved in torso stability, correct breath wave practice, stump scar soft tissue relaxation, post amputation scar relaxation and improvement of standing and walking with prothesis.

Key words: amputation, lower limb, lower leg, prothesis, casuistry, physiotherapy